

# RECLAMATION

*Managing Water in the West*

**USBR Updates:**

**Green River**

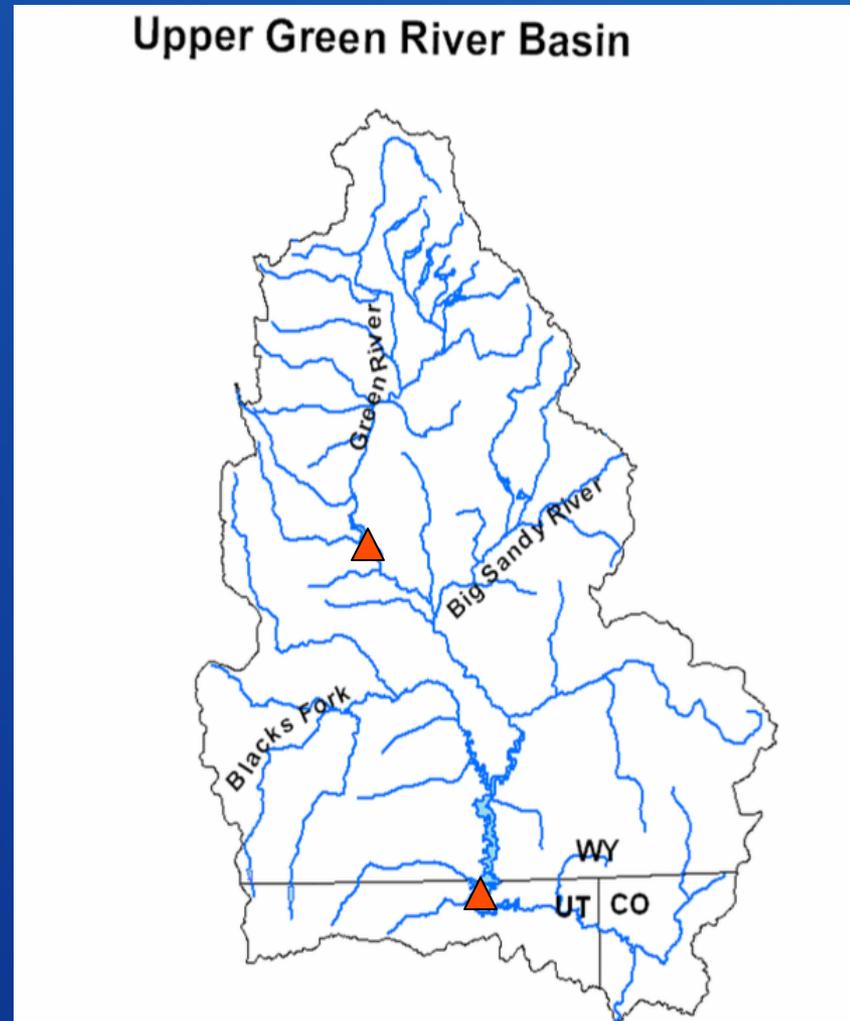
*CRFS Meeting March 15, 2016*



U.S. Department of the Interior  
Bureau of Reclamation

# Green River Operations

- Fontenelle
- Flaming Gorge



RECLAMATION

# Fontenelle Operations



RECLAMATION

# Fontenelle

## Storage

Live Capacity	345,000	AF
Capacity on 3/21/17	<u>227,000</u>	AF
	<i>(66% full) high for March</i>	

## Pool Elevation

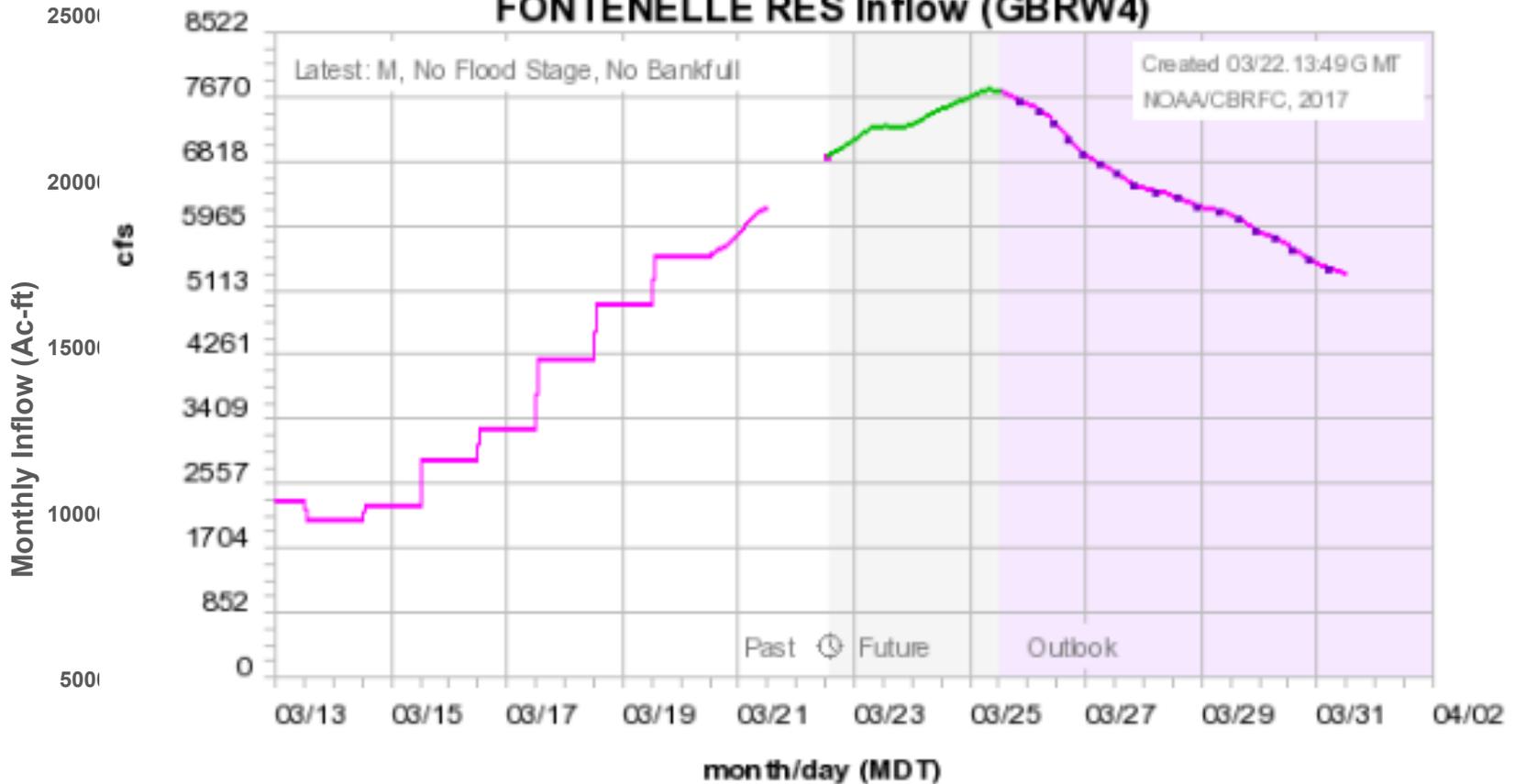
Reservoir Elev. (Min)	6463.00	feet
Elevation on 3/21/17	<u>6489.50</u>	feet
Elevation above (Min)	26.50	feet

## Inflow and Release

Average Inflow	7,300	cfs
Average Release	4,500	cfs

# March Inflow

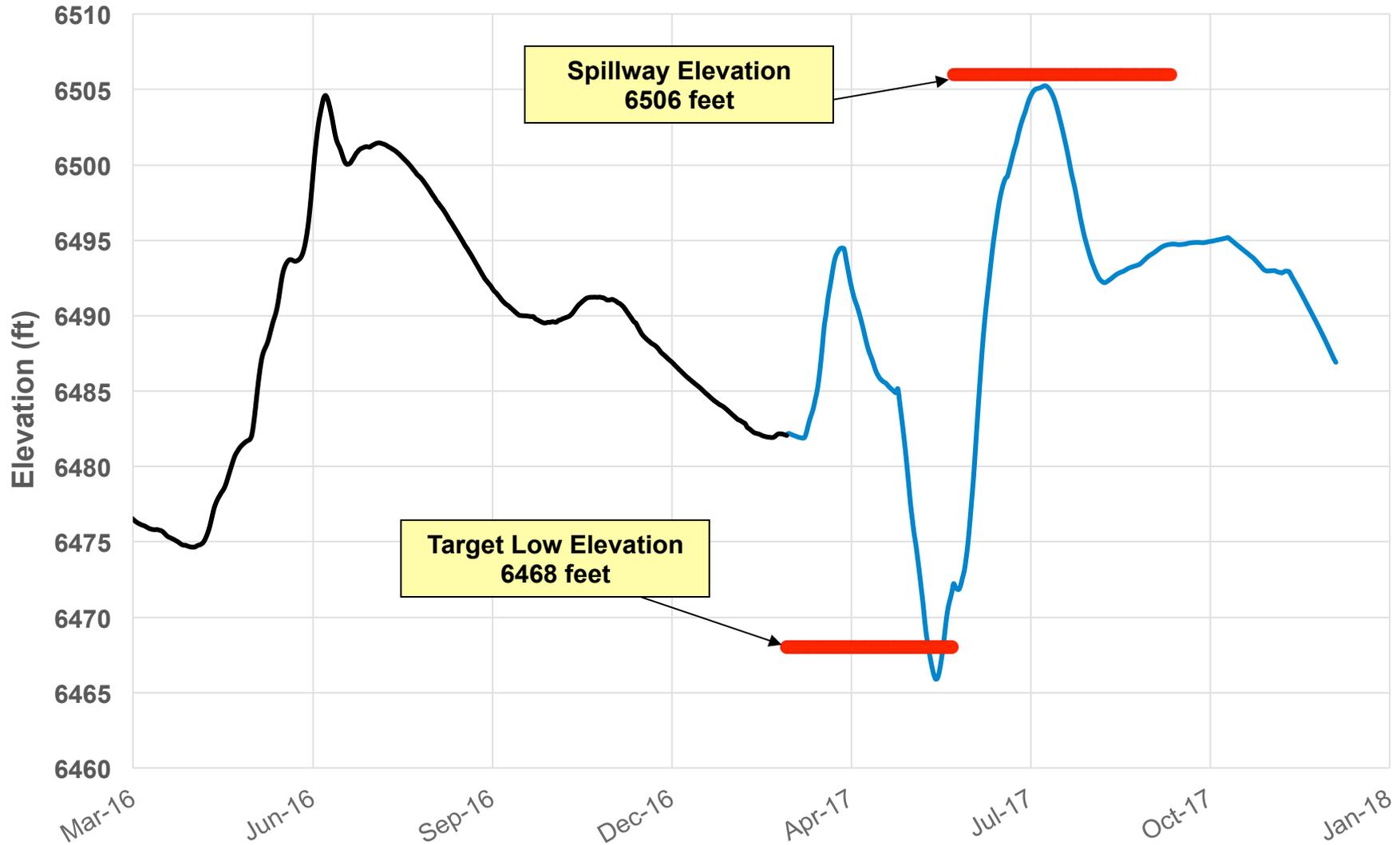
## Colorado Basin River Forecast Center FONTENELLE RES Inflow (GBRW4)



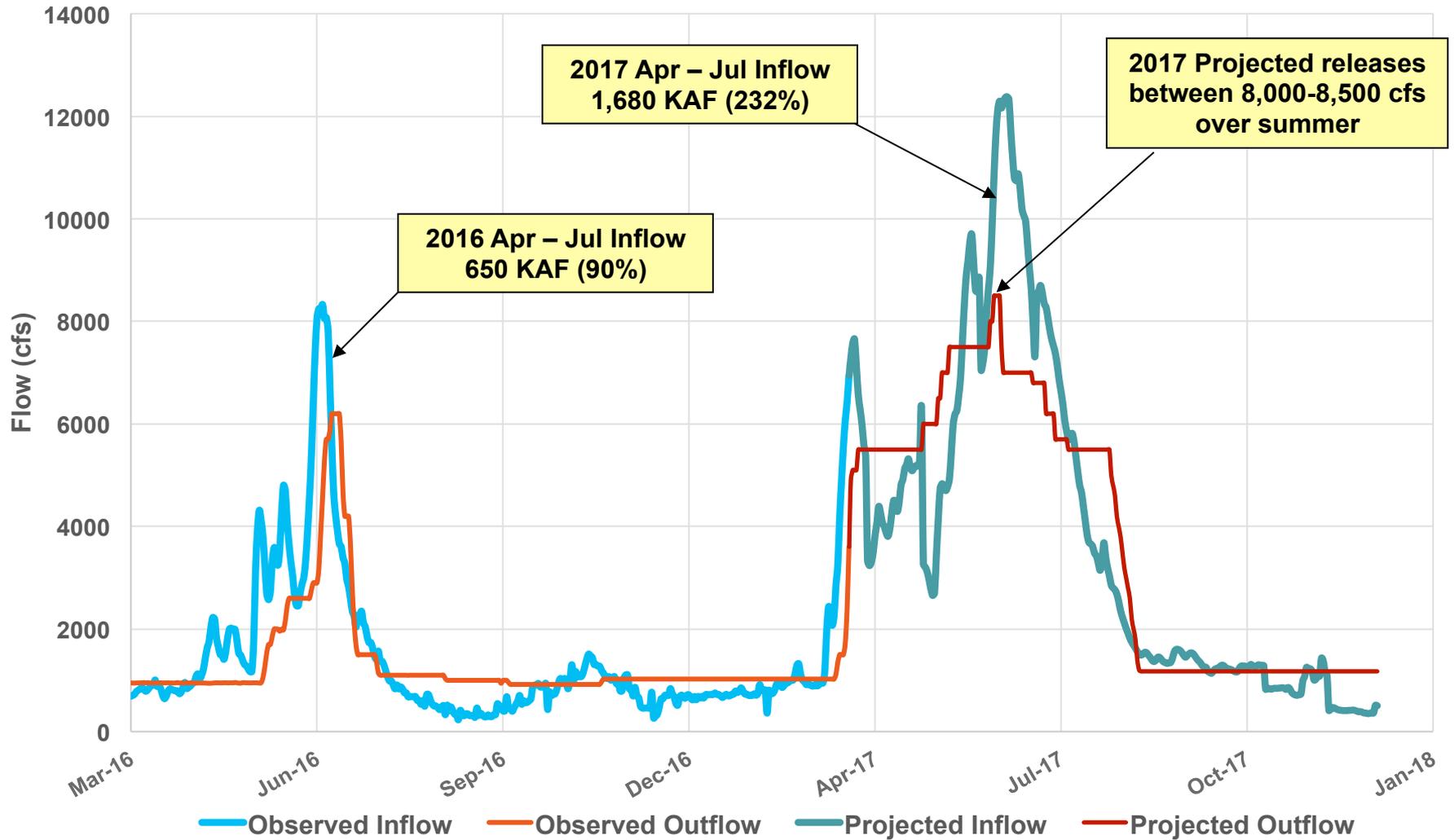
Observed — Simulated — Forecast (03/21, 16:00) — Outlook (increasing uncertainty) ••

Historical Exceedance Probability (USGS): 90-75% 75-50% 50-25% 25-10%

# Fontenelle Reservoir Elevation



# Fontenelle Inflow and Release



# Flaming Gorge Operations



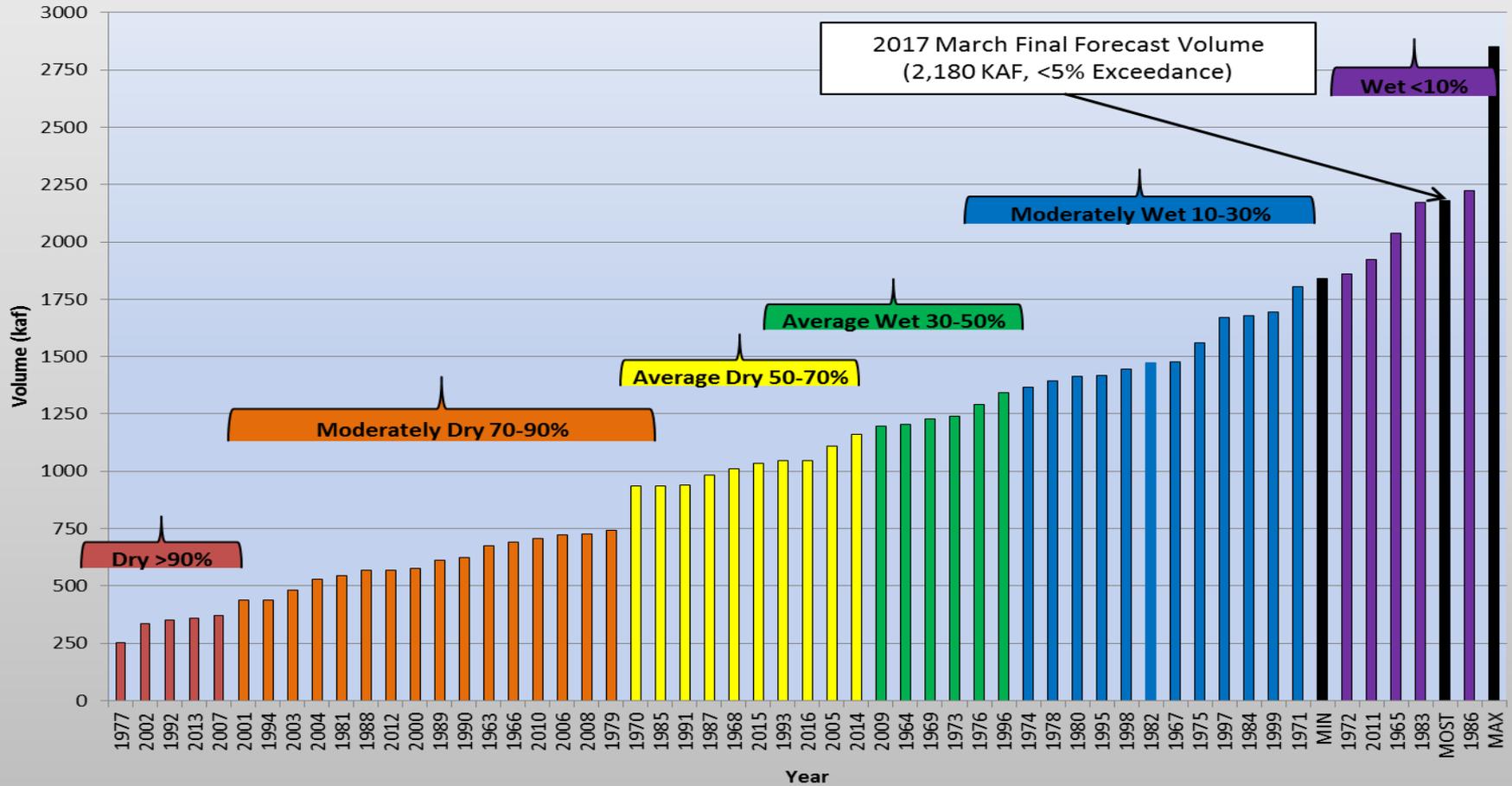
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# Flaming Gorge

Live Capacity	3.752	MAF
<u>Capacity on 3/22/17</u>	<u>3.130</u>	<u>MAF</u>
Available Space	.622	MAF
	(83% full)	
Reservoir Elev.	6040.00	feet
<u>Elevation on 3/22/17</u>	<u>6024.13</u>	<u>feet</u>
Elevation below (Full)	15.87	feet
Average Inflow	6,800	cfs
Average Release	4,530	cfs

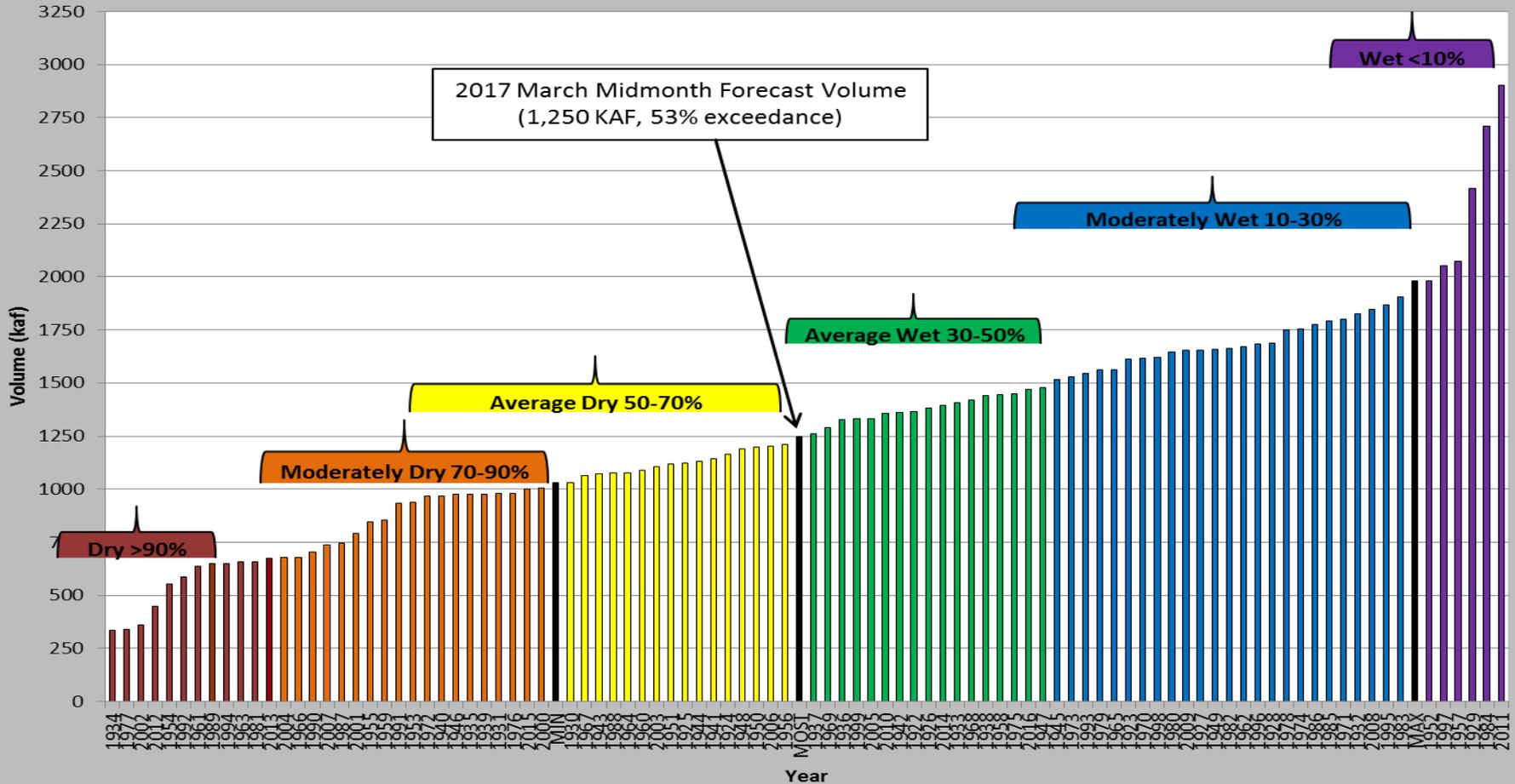
# Upper Green Classifications

**Flaming Gorge Reservoir  
Historic April-July Unregulated Inflow Volume Ranking (1963-2016)**



# Yampa River Classifications

Yampa River Basin - Maybell Plus Lily  
Historic April-July Unregulated Inflow Volume Ranking (1922-2016)



# Flaming Gorge Activities 2017

- **Operational Actions**

- February 13, 2017 email notification increasing Flaming Gorge releases within Record of Decision parameters from 1,800 cfs to 3,000 cfs by March 2
- March 6, 2017 email notification increasing releases to power plant capacity by March 9

- **Stakeholder interest**

- Vermillion Ranch; Green River Outfitters Guides Association (GROGA); Ruby Ranch, etc.
- Correspondence received from six Utah congressional representatives. Met with them March 9 at the Capitol
- Special Working Group meeting March 16 in Price, Utah

# Flaming Gorge Planned Releases 2017

- **Operational Forecast**

- Increase to half bypass (6,600 cfs) Monday, March 27, 2017
- Current plan is to remain at half bypass through April and May
- Increase to full bypass (8,600 cfs) sometime in June, dependent on hydrology, FGTWG discussions, Yampa flows and larval emergence